

# Towards observations of nuclearites in Mini-EUSO

What is Mini-EUSO:

- a small telescope with 25 cm diameter lenses, placed on the ISS
- observing night-time Earth in 320-420 nm band in 2.5  $\mu\text{s}$ , 320  $\mu\text{s}$  and 41 ms time resolutions
- pixel size on the ground  $\sim 6$  km, whole FoV  $> 300 \times 300$  km

About 42 hours of observations in nominal mode allowed for:

- Observation of more than 5000 meteors
- Establishing a potential limit on the flux of nuclearites in the atmosphere between 1 g and 100 kg mass

